SPEED SYMBOL

The Speed Symbol indicates the speed at which the tire can carry a load corresponding to its Load Index under service conditions specified by the tire manufacturer.

Speed Symbol	Speed (km/h)	Speed (mph)	Speed Symbol	Speed (km/h)	Speed (mph)
A1	5	3	K	110	68
A2	10	6	L	120	75
A3	15	9	M	130	81
A4	20	12	N	140	87
A5	25	16	P	150	93
A6	30	19	Q	160	99
A7	35	22	R	170	106
A8	40	25	S	180	112
B	50	31	T	190	118
C	60	37	U	200	124
D	65	40	H	210	130
E	70	43	V	240	149
F	80	50	W	270	168
G	90	56	Y	300	186
J	100	62	ZR*	Open Ended	Open Ended

* Consult tire manufacturer for top speed capability.

NOTE: All calculation for km/h to mph and kg to lbs are rounded off. Your calculation may differ. If in doubt, use Tire and Rim Association recommendation.

LOAD INDEX

The Load Index is a numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under service conditions specified by the tire manufacturer.

LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs
100	800	1765	121	1450	3195	142	2650	5840	163	4875	10700
101	825	1820	122	1500	3305	143	2725	6005	164	5000	11000
102	850	1875	123	1550	3415	144	2800	6175	165	5150	11400
103	875	1930	124	1600	3525	145	2900	6395	166	5300	11700
104	900	1985	125	1650	3640	146	3000	6610	167	5450	12000
105	925	2040	126	1700	3750	147	3075	6780	168	5600	12300
106	950	2095	127	1750	3860	148	3150	6940	169	5800	12800
107	975	2150	128	1800	3970	149	3250	7160	170	6000	13200
108	1000	2205	129	1850	4080	150	3350	7390	171	6150	13600
109	1030	2270	130	1900	4190	151	3450	7610	172	6300	13900
110	1060	2335	131	1950	4300	152	3550	7830	173	6500	14300
111	1090	2405	132	2000	4410	153	3650	8050	174	6700	14800
112	1120	2470	133	2060	4540	154	3750	8270	175	6900	15200
113	1150	2535	134	2120	4675	155	3875	8540	176	7100	15700
114	1180	2600	135	2180	4805	156	4000	8820	177	7300	16100
115	1215	2680	136	2240	4940	157	4125	9090	178	7500	16500
116	1250	2755	137	2300	5070	158	4250	9370	179	7750	17100
117	1285	2835	138	2360	5205	159	4375	9650	180	8000	17600
118	1320	2910	139	2430	5355	160	4500	9920			
119	1360	3000	140	2500	5510	161	4625	10200			
120	1400	3085	141	2575	5675	162	4750	10500			

LOAD LIMITS

LOAD LIMITS AT VARIOUS SPEEDS FOR DIAGONAL AND RADIAL PLY TRUCK TIRES USED ON IMPROVED SURFACES

(These tables do not apply to rims or wheels. Consult rim and wheel manufacturer.)

TIRE AND RIM ASSOCIATION STANDARD

Table 1 - Truck/Bus Tires

The service load and minimum (cold) inflation must comply with the following limitations unless a speed restriction is indicated on the tire:

Tire and Rim Association Standard

(These Tables apply to tires only. Consult rim/wheel manufacturer for rim/wheel load and inflation capabilities.)

Load limits at various speeds for radial ply truck tires used on improved surfaces

1. For Metric and Wide Base Tires

Speed Range (mph)	% Load Change	Inflation Pressure Change
71 thru 75	-12%	+5 PSI
66 thru 70	-4%	+5 PSI
51 thru 65	None	No Increase
41 thru 50	+7%	No Increase
31 thru 40	+9%	No Increase
21 thru 30	+12%	+10 PSI
11 thru 20	+17%	+15 PSI
6 thru 10	+25%	+20 PSI
2.6 thru 5	+45%	+20 PSI
Creep thru 2.5	+55%	+20 PSI
Creep 3)	+75%	+30 PSI
Stationary	+105%	+30 PSI

2. For Conventional Tires

Speed Range (mph)	% Load Change	Inflation Pressure Change
71 thru 75 1)	-12%	+5 PSI
66 thru 70 1)	-4%	+5 PSI
51 thru 65	None	No Increase
41 thru 50	+9%	No Increase
31 thru 40	+16%	No Increase
21 thru 30	+24%	+10 PSI
11 thru 20	+32%	+15 PSI
6 thru 10 2)	+60%	+30 PSI
2.6 thru 5 2)	+85%	+30 PSI
Creep thru 2.5 2)	+115%	+30 PSI
Creep 2), 3)	+140%	+40 PSI
Stationary 2)	+185%	+40 PSI

Load limits at various speeds for radial ply truck tires rated at 75 mph or above used on improved surfaces

3. For Metric and Wide Base Tires

Speed Range (mph)	% Load Change	Inflation Pressure Change
71 thru 75	None	No Increase
66 thru 70	None	No Increase
51 thru 65	None	No Increase
41 thru 50	+7%	No Increase
31 thru 40	+9%	No Increase
21 thru 30	+12%	+10 PSI
11 thru 20	+17%	+15 PSI
6 thru 10	+25%	+20 PSI
2.6 thru 5	+45%	+20 PSI
Creep thru 2.5	+55%	+20 PSI
Creep 3)	+75%	+30 PSI
Stationary	+105%	+30 PSI

4. For Conventional Tires

Speed Range (mph)	% Load Change	Inflation Pressure Change
71 thru 75 1)	None	No Increase
66 thru 70	None	No Increase
51 thru 65	None	No Increase
41 thru 50	+9%	No Increase
31 thru 40	+16%	No Increase
21 thru 30	+24%	+10 PSI
11 thru 20	+32%	+15 PSI
6 thru 10 2)	+60%	+30 PSI
2.6 thru 5 2)	+85%	+30 PSI
Creep thru 2.5 2)	+115%	+30 PSI
Creep 2), 3)	+140%	+40 PSI
Stationary 2)	+185%	+40 PSI

1) These load and inflation changes are only required when exceeding the tire manufacturer's rated speed for the tire.
2) Apply these increases to Dual Loads and Inflation Pressures.
3) Creep - Motion for not over 200 feet in a 30-minute period.

Note 1: The inflation pressures shown in the referenced tables are minimum cold pressures for the various loads listed. Higher pressures should be used as follows:

A: When required by the above speed/load table.

B: When higher pressures are desirable to obtain improved operating performance.

For speeds above 20 mph, the combined increases of A and B should not exceed 20 PSI above the inflation specified for the maximum load of the tire.

THE MAXIMUM LOAD AND INFLATION CAPACITY OF THE RIM MUST NOT BE EXCEEDED.